



Image may differ from product. See technical specification for details.

## HNA 9-13

### SKF Adjustable hook spanner, size 9-13

The SKF Adjustable hook spanner, size 9 - 13, has a pivoting hook that allows tightening and loosening of a variety of lock nuts. They are used to secure and adjust bearings on tapered journals, adapter sleeves and withdrawal sleeves. They are an economic solution as they fit on a variety of lock nuts with outer diameters 60 - 90 mm. To be more specific for locknuts: KM 9 - 13, KMK 9 - 13, KMFE 9 - 13, KMT 8 - 12, N 09 - 13 and M40x1,5 - M60x1,5 (DIN 1804)

- Designed with a long handle and thickened pivot point they can generate high torques
- Grip with rounded edges for more comfort
- Drilled hole for easy storage
- Laser-engraved designation for easy identification
- Minimise risk of shaft and nut damage
- Economic solution as it allows tightening and loosening a variety of lock nuts with outer diameters 60 - 90 mm.

## Overview

### Dimensions

Outer diameter lock nut range	60 - 90 mm
Working length	240 mm
Thickness	13 mm
Length	290 mm
Product weight	0.36 kg

### Properties

Minimum number of lock nut slots	1
Allows bearing mounting	Yes, angle method or with clearance reduction measurement
Fits on lock nuts inside SKF split pillow block housings (SNL)	No
Material	Alloy engineering steel, hardened and tempered
Material handle	Steel
Coating / Surface treatment	Black oxide
Colour	Metallic Black

### Logistics

Product net weight	0.36 kg
eClass code	23-05-19-01
UNSPSC code	27111712

## Compatible products

### Recommended product

Lock nut with metric thread, for locking by lock washer	<a href="#">KM 10</a>
Lock nut with metric thread, for locking by lock washer	<a href="#">KM 11</a>
Lock nut with metric thread, for locking by lock washer	<a href="#">KM 12</a>
Lock nut with metric thread, for locking by lock washer	<a href="#">KM 9</a>
Lock nut with metric thread, with locking screw	<a href="#">KMFE 10</a>

Lock nut with metric thread, with locking screw	<a href="#">KMFE 11</a>
Lock nut with metric thread, with locking screw	<a href="#">KMFE 12</a>
Lock nut with metric thread, with locking screw	<a href="#">KMFE 9</a>
Lock nut with metric thread, with integral locking device	<a href="#">KMK 10</a>
Lock nut with metric thread, with integral locking device	<a href="#">KMK 11</a>
Lock nut with metric thread, with integral locking device	<a href="#">KMK 12</a>
Lock nut with metric thread, with integral locking device	<a href="#">KMK 9</a>
Precision lock nut with locking pins	<a href="#">KMT 10</a>
Precision lock nut with locking pins	<a href="#">KMT 11</a>
Precision lock nut with locking pins	<a href="#">KMT 12</a>
Precision lock nut with locking pins	<a href="#">KMT 8</a>
Precision lock nut with locking pins	<a href="#">KMT 9</a>
Lock nut with inch thread, for locking by lock washer or locking plate	<a href="#">N 09</a>
Lock nut with inch thread, for locking by lock washer or locking plate	<a href="#">N 10</a>
Lock nut with inch thread, for locking by lock washer or locking plate	<a href="#">N 11</a>
Lock nut with inch thread, for locking by lock washer or locking plate	<a href="#">N 12</a>
Lock nut with inch thread, for locking by lock washer or locking plate	<a href="#">N 13</a>



# Terms of use

By accessing and using this website / app owned and published by AB SKF (publ.) (556007-3495 · Gothenburg) ("SKF"), you agree to the following terms and conditions:

## Warranty Disclaimer and Limitation of Liability

Although every care has been taken to assure the accuracy of the information on this website / app, SKF provides this information "AS IS" and DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. You acknowledge that your use of this website / app is at your sole risk, that you assume full responsibility for all costs associated with use of this website / app, and that SKF shall not be liable for any direct, incidental, consequential, or indirect damages of any kind arising out of your access to, or use of the information or software made available on this website / app.

Any warranties and representations in this website / app for SKF products or services that you purchase or use will be subject to the agreed upon terms and conditions in the contract for such product or service.

Further, for non-SKF websites / apps that are referenced in our website / app or where a hyperlink appears, SKF makes no warranties concerning the accuracy or reliability of the information in these websites / apps and assumes no responsibility for material created or published by third parties contained therein. In addition, SKF does not warrant that this website / app or these other linked websites / apps are free from viruses or other harmful elements.

## Third Party Services

When viewing YouTube content via the SKF website(s) (i.e. using [YouTube API Services](#)), you agree to be bound by the [YouTube Terms of Service](#).

## Copyright

Copyright in this website / app copyright of the information and software made available on this website / app rest with SKF or its licensors. All rights are reserved. All licensed material will reference the licensor that has granted SKF the right to use the material. The information and software made available on this website / app may not be reproduced, duplicated, copied, transferred, distributed, stored, modified, downloaded or otherwise exploited for any commercial use without the prior written approval of SKF. However, it may be reproduced, stored and downloaded for use by individuals without prior written approval of SKF. Under no circumstances may this information or software be supplied to third parties.

This website /app includes certain images used under license from Shutterstock, Inc.

## Trademarks and Patents

All trademarks, brand names, and corporate logos displayed on the website / app are the property of SKF or its licensors, and may not be used in any way without prior written approval by SKF. All licensed trademarks published on this website / app reference the licensor that has granted SKF the right to use the trademark. Access to this website / app does not grant to the user any license under any patents owned by or licensed to SKF.

## Changes

SKF reserves the right to make changes or additions to this website / app at any time.